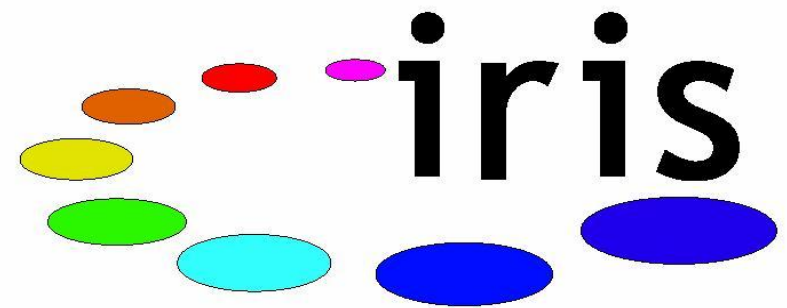




ECOptimo T8 24V



IRIS 2002, S.A.
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www.irisled.com

Features and Benefits

- Very high Energy Savings: More than 50% energy savings over traditional tubes
- Extremely bright
- High Ra-color Rendering Index
- Top Uniformity: LED source is a light panel that generates uniform brightness without hotspots or blinding effect.
- Long Life: 40,000 hrs (50% light depreciation)
- Widest Beam angle: 180°. Wide distribution without wasting light
- Low voltage: DC24V. Due to diameter, requires external converter (easy to replace)
- Operating Temperature: -40°C to 60°C
- Available in 4 lengths
 - 604 mm : 8W
 - 909 mm : 12W
 - 1213 mm : 16W
 - 1514 mm : 22W
- Available White Temperatures: 3000°K (warm), 5000°K (neutral), 7000°K (cold)
- CE approved

Application

Applications where products illuminated are sensitive to IR (heat) and UV

Office lighting, airports, difficult to maintain areas

Factories & Warehouses

Shoping malls & Supermarkets

Dimmable applications with further energy savings

Material

Front PMMA Acrylic

Back Aluminium profile

Lifetime & Warranty

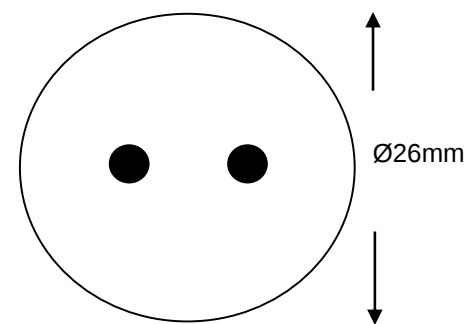
Expected Lifetime: 40.000 hrs

Warranty: 2 years

Luminous Intensity

Ecoptimo T8 tubes	Equal to Fluorescent tubes
8W	18W
12W	30W
16W	36W
22W	58W

Cross Section

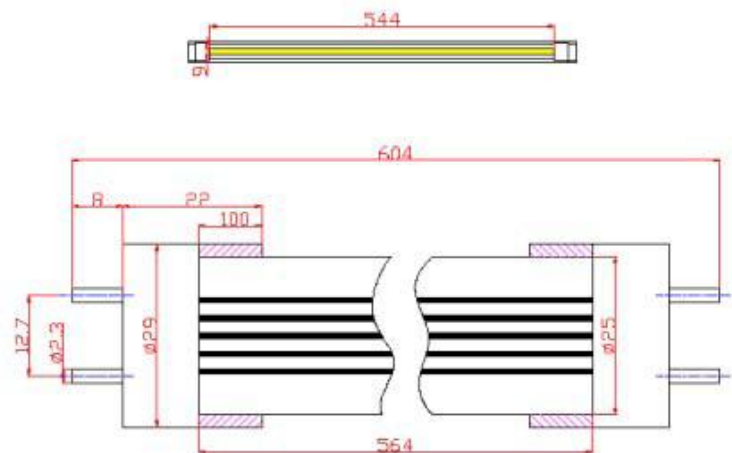


Technical Performance

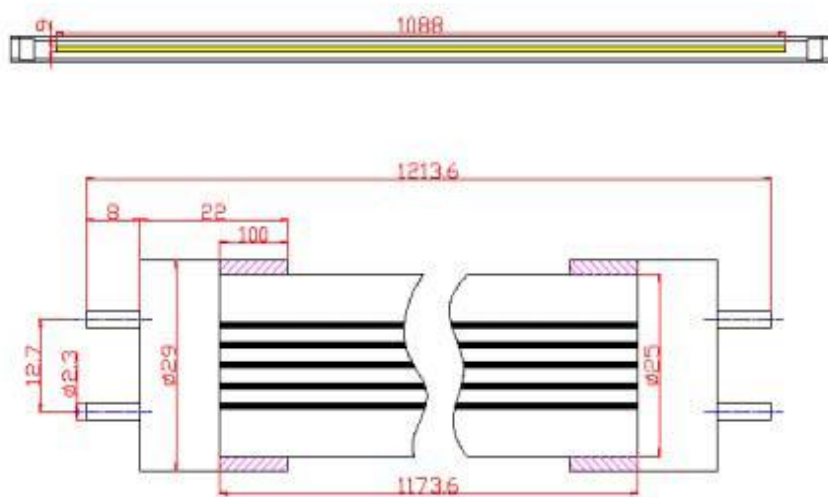
CODE	REFERENCE	VOLTAGE	COLOR TEMPERATURE (K)	LIGHT OUTPUT (lm)	LENGTH (mm)	CRI	BEAM ANGLE (°)	TUBE DIAMETER (mm)	POSSIBLE TO DIM	NET WEIGHT (kg)
20260122	ECOptimoc Basic 600mm 8W 3000K 24V CL T8 D26	24 V	3000	480	604	80	180	26	yes	0.5
20260123	ECOptimo Basic 600mm 8W 5000K 24V CL T8 D26	24 V	5000	520	604	75	180	26	yes	0.5
20260124	ECOptimo Basic 600mm 8W 7000K 24V CL T8 D26	24 V	7000	560	604	70	180	26	yes	0.5
20260134	ECOptimo Basic 900mm 12W 3000K 24V CL T8 D26	24 V	3000	720	909	80	180	26	yes	0.61
20260135	ECOptimo Basic 900mm 12W 5000K 24V CL T8 D26	24 V	5000	780	909	75	180	26	yes	0.61
20260136	ECOptimo Basic 900mm 12W 7000K 24V CL T8 D26	24 V	7000	840	909	70	180	26	yes	0.61
20260146	ECOptimo Basic 1200mm 16W 3000K 24V CL T8 D26	24 V	3000	960	1213	80	180	26	yes	0.65
20260147	ECOptimo Basic 1200mm 16W 5000K 24V CL T8 D26	24 V	5000	1040	1213	75	180	26	yes	0.65
20260148	ECOptimo Basic 1200mm 16W 7000K 24V CL T8 D26	24 V	7000	1120	1213	70	180	26	yes	0.65
20260158	ECOptimo Basic 1500mm 22W 3000K 24V CL T8 D26	24 V	3000	1320	1514	80	180	26	yes	0.85
20260159	ECOptimo Basic 1500mm 22W 5000K 24V CL T8 D26	24 V	5000	1430	1514	75	180	26	yes	0.85
20260160	ECOptimo Basic 1500mm 22W 7000K 24V CL T8 D26	24 V	7000	1540	1514	70	180	26	yes	0.85

Dimensions

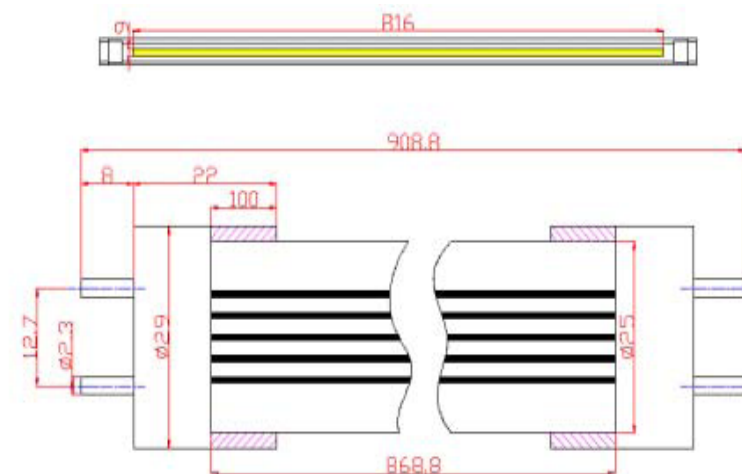
Ecotimo 604mm



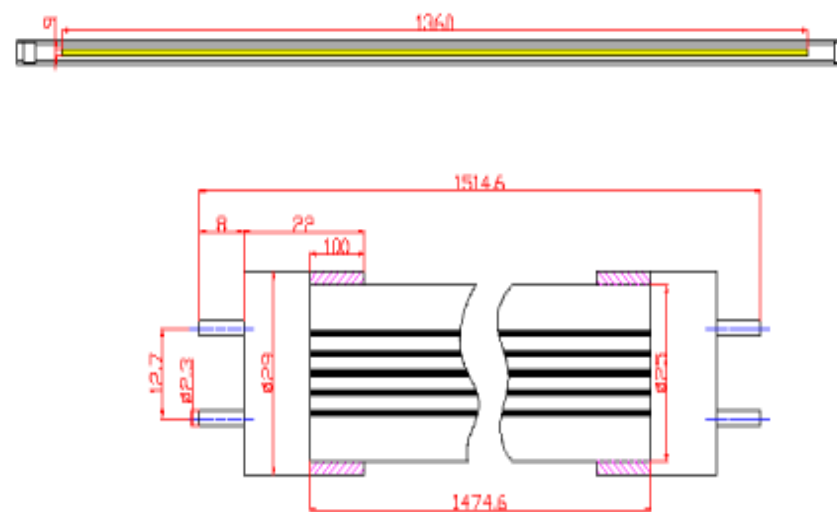
Ecotimo 1213mm



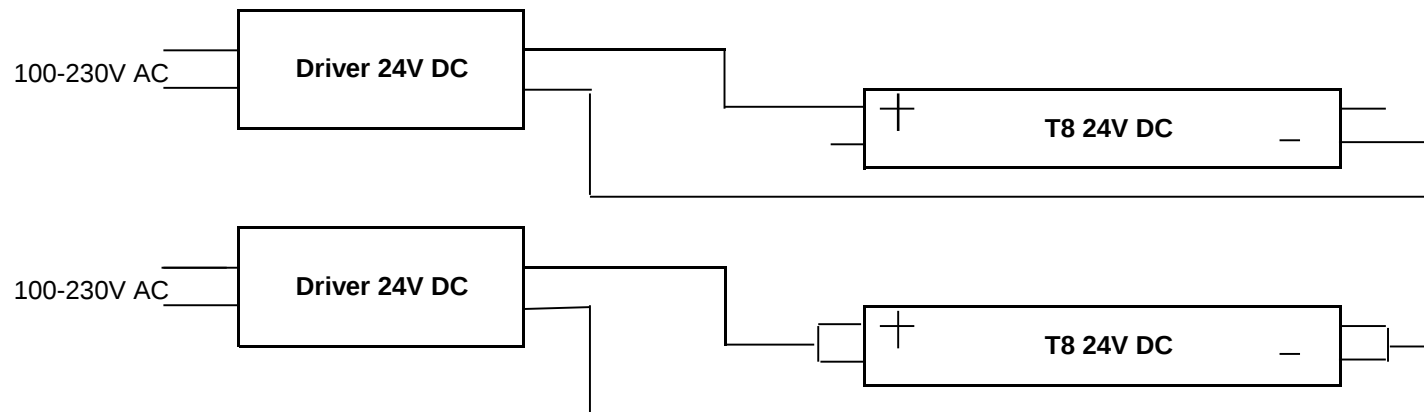
Ecotimo 909mm



Ecotimo 1514mm



Connection



Take away the existing Fluorescent lamp, remove the starter and ballast, connect the LED driver. Last step: connect the Ecoptimo tube.